

Please add new Claim 22 as shown below:

*A22*  
--22. (New) A method for generating a distribution of a radio-isotope in the subject with a nuclear medical diagnostic apparatus including a plurality of semiconductor cells arranged in a matrix comprising:  
detecting a radiation derived from the radio-isotope with the semiconductor cell which outputs a signal;  
comparing energy of the signal with a predetermined energy window in a first case wherein either one of the semiconductor cell outputs a signal;  
comparing total energy of the signals with a predetermined energy window in a second case wherein not less than two semiconductor cells output signals; and  
calculating an incident position of the radiation on the basis of a position of the semiconductor cell outputting the signal in the first case and on the basis of a position of either one of the semiconductor cells outputting signals in the second case.--

#### REMARKS

Favorable reconsideration of this application, as presently amended and in light of the following discussion, is respectfully requested.

Claims 1-22 are presently active. Claim 13 has been amended, and Claim 22 has been added by way of the present amendment. The changes to the claims are supported by the originally filed specification and do not introduce any new matter.

In the outstanding Office Action, the drawings were objected to due to various informalities regarding figure labels. In addition, Claim 13 was rejected under 35 U.S.C. §112, second paragraph, as indefinite with respect to the limitation "the second case".